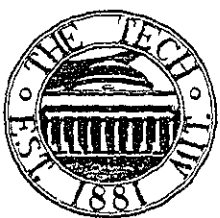


# The Tech



NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVIII NO. 49

CAMBRIDGE, MASSACHUSETTS, TUESDAY, DECEMBER 9, 1958

5 CENTS

## Inscomm Cleans House and Finds \$15,000, Everett Baker Funds

\$15,000 of the Everett Moore Baker Foundation Fund, which had been virtually forgotten by the MIT Community and even by the Foundation Committee itself, has been discovered, reported Chuck Staples '39, Finance Committee Chairman, at the Inscomm meeting last Thursday evening.

The Foundation was established upon the death of Everett Moore Baker, Dean of Students from 1947 to 1950, who died in a plane crash in Egypt while returning from a students' conference in India. He took a great interest in student affairs and was deeply respected and admired by them. Hearing of his death, the MIT students and community spontaneously organized the Foundation and received donations totaling \$13,000. The money was invested and the interest, \$2,000 of which has now accumulated, was to be appropriated for projects "that Dean Baker might have done."

The two-fold purpose of the Foundation, to perpetuate the memory of Dean Baker and to be an instrument to advance his ideals, was pursued in the early years of the Foundation. A book drive, and IPC drive, and a series of sex lectures on marital problems were among the activities that the Foundation sponsored. However, since most of the students of Dean Baker's era have graduated, interest in the Foundation is now practically non-existent, even among the faculty members. As was

## USNSA Will Send Students To Russia, After This Spring

This spring the Young Adult Council will send two student delegations to the USSR and to North Africa. Members of these delegations will be selected from nominations of member organizations of the YAC, the MIT group being the United States National Student Association. Any member of the National Student Association is eligible to apply before the deadline of December 15.

Final selections must be made before the beginning of the spring term, said NSA Vice president of International Affairs Willard Johnson, in order that the students may make necessary adjustments in their academic schedules. One delegation will leave March 22 for a 2-month tour of Soviet Russia. However, plans for the team are in the preliminary stages, and candidates are encouraged to apply first for the North African delegation. Students applying for North Africa will automatically be considered for the Soviet team. The team to visit Morocco and Tunisia will depart April 12 to return July 3. The delegation to North Africa will consist of three students. The group to Russia will number six.

Application should be made by letter to the International Commission on the NSA and should include current address, date and place of birth, personal background, and references. Three professional or academic references. The NSA will nominate up to three people to the YAC. The following qualifications are prerequisite to application: Basic understanding of international issues; intensive knowledge of USA and to be visited; fluency in the language of the area (Russian or French); leadership experience; good health; U. S. citizenship; 17 years old or less.

remarked at the meeting, Dean Fasset did not even know that he was a member of the Faculty Advisory Board.

Since Inscomm is required to nominate members to the Committee, a motion was passed for the Executive Board to meet with the Advisory Board of the Foundation and to decide upon the future status of the organization.

## 39 Initiated to Eta Kappa Nu After Vigorous Pledge Service Program

The MIT chapter of Eta Kappa Nu, national electrical engineering honorary fraternity, last Saturday initiated thirty-nine new members, including Donald B. Sinclair '31, Vice President-Engineering of General Radio Company.

As a pledge class this Fall, the society's new members carried on the work of the company evaluation com-

## Crystal Study Work Brings Swiss Honor Degree for Buerger

Martin J. Buerger '24, Institute Professor and professor of mineralogy and crystallography in the Department of Geology and Geophysics, has been named Doctor honoris causa of the University of Berne (Switzerland). Dr. Buerger was in Berne Saturday, November 22, to receive the honorary degree at the University's annual academic ceremonies.

For his achievements in developing instruments and methods for analyzing crystal structures, Professor Buerger was awarded earlier this month the Roebling Medal of the Mineralogical Society of America. He is a past president of the organization.

Professor Buerger's X-ray laboratory, where he has solved many of the complex riddles of crystal structures, is known around the world. From this laboratory have come three X-ray instruments and a systematic method for determining how atoms are bound together in the crystalline (solid-state) form of matter. Although his work has been concentrated on minerals, research in chemistry, physics and metallurgy has benefited from his advances. He has done much to define and clarify his field of crystallography by writing a basic textbook, "Elementary Crystallography."

## Bach Interpreter To Give Organ Concert

Heinrich Fleischer, organist and professor of music at the University of Chicago, will give a recital in Kresge Auditorium on Wednesday, December 17, at 8:30 p.m. The performance will be open to the public free of charge.

The world-famous Bach interpreter will play an all-Bach program. He comes from a long Bach tradition, having been born in the same town as the German composer. He also attended the same Latin school, and held the same Leipzig University organist position as did Bach.

After coming to the United States in 1951 he taught at Valparaiso University, later joining the University of Chicago faculty. He has given organ recitals throughout the United States and Canada.

## Local Organization To Clarify Propaganda Offered On Red-Sponsored Youth Festival

National committees, both pro and con, have been set up to provide information on the Communist-sponsored VII World Festival of Youth and Students to be held in Vienna next summer. The Festival is the latest in a series of mass youth events organized since World War II by two leading Communist international front groups: World Federation of Democratic Youth, and the International Union of Students. Next summer's meeting is the first to be held outside of the Soviet orbit.

During the last Festival, held in Moscow in 1957, several American students, their presence there frowned upon by the U.S. State Department, unfortunately misrepresented their country, and laid the groundwork for a Russian propaganda attack. In order to provide students with comprehensive and objective data which may help to prevent a similar occurrence, a group of students and recent graduates, with offices in Harvard Square, have established the "Independent Service for Information on the Vienna Youth Festival."

Because of the flood of "expensive and misleading" literature being sent to campuses and youth organizations, the members of the Information Service fear that many young people "do not fully realize the political and propagandistic nature of such festivals."

By preparing and distributing documented studies on the history and operation of past festivals and on the preparations for the coming one, the Information Service hopes to better inform the American who may wish to attend or visit the Festival.

In a statement to the press, they explained their purpose: "The organizers of the Information Service support the position of representative student and youth groups in the U.S. and Austria, the host country, along with those in numerous other non-Communist countries who have decided to boycott the Festival and deny it any official prestige. At the same

Another pledge project was the publication of a handbook describing all equipment available in the Institute's electrical engineering labs.

The speaker at the banquet, Donald B. Sinclair '31 was also the only non-student pledge. He received his Sc.D. here in 1935, then went to work for General Radio Company, rising to vice-president-engineering. Sinclair spoke of his recent trip to Moscow, where he represented MIT as a member of the Radio Technical Planning Board at the meeting of the A. S. Popov Society.

Initiated Saturday night, were the following:

**JUNIORS**  
James S. Allen, Jr.  
Colin George Clive  
Fred R. Leouetti  
David H. Staelin  
Bryant K. Vann, Jr.  
John Winkle

**SENIORS**  
Jerome L. Abel  
Ralph Alter  
Donald J. Buckley  
Henry D. Chadwick  
David B. Clinton  
Robert A. Herman  
Frank A. Krentz  
James Grant Allen  
Robert Allen Blum  
David Cahlander  
Brian H. Claxton

**GRADUATE STUDENTS**  
Malcolm C. Johnson  
Donald A. Mackinnon  
Robert Jay Spain

## Evil Scientists et al



Fools are easily swindled by dishonest scientists. Gus Solomons '59, in the principal role of Face, and Irving Weinman '60, in the title role of Subile, the swindling alchemist, demonstrate how, why, and wherefore, in the Dramashop production, "The Alchemist," an Elizabethan comedy opening tomorrow night at 8:30 p.m. in the Little Theatre.

time, they do expect that many intelligent and patriotic Americans will wish to attend in an individual and non-representative capacity.

"The Information Service believes that such participation can be valuable if the individuals attending are fully informed as to the nature and purpose of such a meeting so as to lessen the exploitation of their presence for propaganda purposes. The Service further thinks that American participants should be equipped to effectively present a democratic viewpoint, dispel particular misconceptions of American society, and thus promote understanding with the young people from many countries who will be present."

On the other side of the fence, promoting the affair, is the "United States Festival Committee" with headquarters in New York, branches in several other major cities, and college committees at several schools around the country including Brandeis. This group states, "The Festival is a unique opportunity for Americans to meet students and other young people from all over the world, and is a way in which young people can contribute to international understanding and help build world peace." In addition to innumerable discussions and seminars, there will also be many musical competitions—including jazz. A Festival Song composition competition and a poster contest are currently being held.

Further information can be had by contacting the following office: Independent Service for Information on the Vienna Youth Festival, 324 College House Offices, Harvard Square, Cambridge 38, Mass.

## Fisher Body Model Award to MIT Man

Thomas DeFazio, a sophomore majoring in Mechanical Engineering, has won honors in the nation-wide Fisher Body Craftsman's Guild model car competition. DeFazio, a native of Philadelphia, also won top regional honors for Pennsylvania and Maryland, receiving an expense-paid trip to the Craftsman's Guild four-day convention recently held in Detroit. In addition, DeFazio won the Senior division first place state award for Pennsylvania in the 1958 competition.

The Fisher Body program is designed to interest young men in creative design and craftsmanship and to offer them opportunities for practice. Cash awards and university scholarships serve as incentives for entrants in the annual model-car building competition.

## Boston Stein Club Gives Scholarship Fund of \$60,000

A freshman scholarship fund of almost \$60,000 was presented to the Institute by the MIT Boston Stein Club at a dinner Monday, November 25.

Melvin Friedman '46, president of the Club, said that the scholarship will be open to any New England freshman, regardless of religion, race, color or sex.

Presentation of the scholarship fund was made by Oscar Horowitz '22 of Newton, chairman of the scholarship fund committee. President Stratton accepted the gift on behalf of the Institute.

A surprise highlight of the presentation by Mr. Horowitz was his disclosure that three special funds within the total had been named for three "old timers" at MIT. Those honored with these funds were Horace Ford, treasurer emeritus and a member of the Corporation; D. L. Rhind, assistant treasurer emeritus; and H. E. Lobdell '17, executive secretary of the Alumni Association.

In accepting the Stein Club scholarship fund, Dr. Stratton paid tribute to the loyalty of the Club alumni and said that he welcomed the fund "as a spontaneous expression of support and of faith in MIT."

"Scholarships," Dr. Stratton told the group, "are the key factor in both the tuition policy and the student aid structure of any private institution."

"In the face of mounting costs and rising tuitions," he added, "MIT must set a stiff pace for itself in its efforts to secure additional scholarship support if it is to continue to attract the best students."

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## editorial

Students who plan to travel in Europe next summer will serve themselves and their country well by becoming very familiar with the history of Communist Youth Festivals and the plans for the Communist-sponsored Vienna Youth Festival which will be held in that city this summer (see lead story, page 1).

The United States Festival Committee is a Red front organization set up to promote American student interest and participation in the event. The Committee has offices in several major cities and claims to have working student organs on the campuses of Antioch, Arizona, Brandeis, Chicago, Oberlin, and Reed College. In its publications this "Mouthpiece of Moscow" mentions nothing of the Communist backing of the Festival; the dominant theme is given to the usual lines of "international understanding", "world peace", and "cultural exchange."

In opposition to this propaganda blast the Independent Service for Information on the Vienna Youth Festival has been organized. Its purpose is to acquaint young Americans with the history and subversive purposes of the Festivals. The publications of the Service are aimed at supporting the opinion that students should stay away from the Festival and at encouraging those curious students who do attend to be wary of falling prey to Communist propaganda schemes. It seems that the Service will have a difficult time in overcoming the large deluge of pro-Festival propaganda that will be falling on collegiate minds in the coming months. We hope that it will take only a bit of enlightening information to awaken alert college minds to the fact that what seems like a rosey international get-together is really a rosey RED propaganda operation.

The behavior of tourists in Europe has been somewhat of a sore point in American foreign policy for many years. The picture of the fat, drunken, money-throwing capitalist has long been a star attraction in Communist propaganda films and publications. A few bad examples out of the large number of Americans visiting abroad each year is all that is needed to substantiate this picture when they are played upon by the Red press.

It is with an eye to both general behavior and the Vienna Youth Festival that we strongly urge all students planning European tours this year to heed the warnings of the Information Service. We will attempt to keep our readers abreast of all new developments in the plans and objectives of the Festival and its subordinate groups.

—PEB, Jr.

## Bookreview

*The Causes of World War Three* by C. Wright Mills. Published by Simon and Schuster; \$3.50 cloth edition, \$1.50 paperback.

The majority of the population of the United States is convinced that the only solution to world affairs is an all-out war with Russia, says author Mills, despite the fact that neither side could possibly hope to win such a war, and that probably there would be no survivors at all. This idiotic attitude is the result of extensive conditioning of the soul which had its beginnings in the saturation bombings of the last war; the strategic targets of the next war will be entire civilian populations. The citizens of the United States and the U.S.S.R. have not been told that there are any alternatives to this result or to the policies currently practiced which will have this result. One third of our creative scientists are working to further this policy and most of our economy rests on this foundation.

Author Mills, a professor of sociology at Columbia, would lay most of the blame on that attitude, highly prevalent in most of the population, which says that we cannot

prevent World War III: we are not responsible for it, and when it inevitably comes, it will be caused by blind fate. Therefore we will do absolutely nothing about it. The intellectual, scientific, and religious leaders offer no active resistance to this viewpoint.

This state of affairs is practically unbelievable, and it might well be hilarious if it did not concern the suicide of the human race. Why should politicians negotiate and plan for the mass destruction of the citizens of their countries? How can the ministers sanction such general immorality and irresponsibility? How can the scientists allow themselves to design machines which have the sole purpose of being able to murder more people with a single stroke? Why should those very citizens whose lives are at stake allow any of these things to go on? There is no use in pleading inability; according to Professor Mills, to fight against such policies is the duty of every human being.

The last third of *The Causes of World War Three* is made up of a list of those things which should be done by every individual to prevent the war. His most important point is that we should stop pleading helplessness and should constantly oppose those economic and diplomatic decisions which push us closer to destruction. Scientists in particular should refuse to be regimented into a vast machine with which to push us ahead of Russia in war technology.

*The Causes of World War Three* should, in my opinion, be read by every person interested in saving his own life. It points out the imminent dangers of current policy, brings awareness of impending destruction and, most important of all, shows clear-cut methods by which we can escape this destruction. But I feel that people in general will not be aroused sufficiently to do anything about saving their skins. Despite the excellence of the book in its endeavor, the shell of complacency is usually too thick to be penetrated by such means. We owe our thanks to Professor Mills for his inspiration, but it will take a much bigger, brighter, hotter light to bring full awareness of the end.

—Stoddard Brown '62

## reviews

### Choral Society

Last Sunday, to mark the Tercentenary of Henry Purcell, the MIT Choral Society made a rich and sensitive rendition of his masque "The Fairy Queen" before an experienced and appreciative audience in Kresge Auditorium.

The real beginning, as far as audience empathy went, was Mr. Matthen's and Miss Tobias' wonderfully funny "Dialogue between Coridon and Mopsa," followed by the chorus with "A thousand ways we'll find to entertain the hours." The orchestra was at its best for the "Symphony" at the beginning of Act IV, and there were moments which Richard Voisin and Richard Gilley made delightful. But the real triumph of the afternoon was Helen Boatwright's lyric "O, let me forever weep" which brought unexpected tears even from the audience. Of course the concert ended with a Trio ("They shall be as happy as they're fair . . ."), finished up by the full chorus. Undoubtedly Margaret Tobias, a true coquette, had the audience in her hand from the beginning. Who can forget the kiss after the "Dialogue" or her part in "Sure the dull God of Marriage does not hear?"

Klaus Liepmann should be congratulated. After such a delight for all Boston, we can only hope that the Tercentenary celebration has just begun.

Herbert Odom '61

### My Uncle

Every so often show business discovers a genius or a genius discovers show business. It was so for Charlie Chaplin, Orson Welles, and Peter Ustinov, and it is so for Jacques Tati. *My Uncle*, presently playing at the Kenmore Theatre, is a masterpiece of plastic effects, and never has the camera been better used than in this picture. Aside from the wonderful views of a little town, as if taken by surprise in its intimacy and particular details, Jacques Tati introduces in this picture an amazing technique of colors and special effects which will undoubtedly please any spectator. The acting is very good, casual and natural, and some scenes are hilarious. The quality of this picture is in its plastic effects as well as in its comic; the poetry of certain scenes is backed up by agreeable orchestral music which always fits the story well (unlike most sound tracks). The criticism, as in all Tati's movies, is of our modern way of living, in this century of push-button love and pull-lever-arm feelings, contrasting with the "laissez aller" of the old times. The lesson is that we shouldn't live as if we manufactured life, but should live it as it comes, and the scenery of the little French town used in the picture is so charming that we are almost convinced of the truth of the lesson. A beautiful show, which shouldn't be missed for any reason whatsoever; a good lesson to be learned, and a very fine way to spend an evening. "To laugh is natural to man" said a philosopher, and this opportunity shouldn't be thrown away.

Jean Pierre Frankenhuis '61

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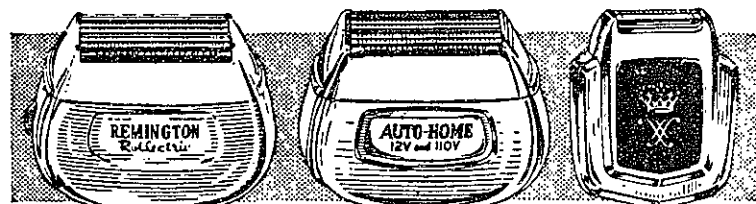
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THE  
SECRET  
LIFE  
OF  
GORDON  
WITTY

It was a sixty-seven-yard kick, at a bad angle, into the wind. A field goal would mean the game, and a Rose Bowl bid. Anxious teammates clustered around Gordon Witty in the huddle. "Can you do it, guy?" they asked. Gordon squinted downfield to where the slim white goal posts framed a flaming red Schaefer beer sign on the low wall beyond. "Gentlemen," he smiled, calmly adjusting his helmet, "I can hit the 'S' in Schaefer from here with either foot!"

"Stop kicking pebbles!" Mrs. Witty said. "You're scuffing up your new shoes!" Gordon stared at his wife as if he had never seen her before. Then, sighing, he followed her into the supermarket. The shopping cart he got needed fixing; it went wicketa, wicketa, wicketa as he wheeled it past a display of toy jet planes and over to the Schaefer shelves. He put a six-pack in the cart.

. . . The mess boy put a bottle of Schaefer and a glass in front of him. "Your kind of beer, Major Witty, sir. Real beer." "Righto," Gordon said. "Experts call it round because it has a smooth harmony of flavors." He listened idly to the wicketa, wicketa, wicketa of the guns defending the airstrip outside. "It's MIG Alley for me again tonight, lad. They say my jet needs fixing, but then what doesn't?" He drained his glass and smashed it against the fireplace. . .

Gordon stared at the broken jar of pickles on the floor. "Now you've done it!" his wife screamed, coming up behind him and making him jump. "I'll pay the man," he said softly, "I'll pay."

In the checkout line Mrs. Witty hurried away to get an item she'd forgotten. Gordon stood quietly, staring at a rack of TV magazines . . . The red light flashed on camera two. Smiling, forever indomitable, he raised his glass in a carefree toast and said, "Good evening, viewers. This is Gordon Witty, speaking for Schaefer beer."

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VOLUME 75

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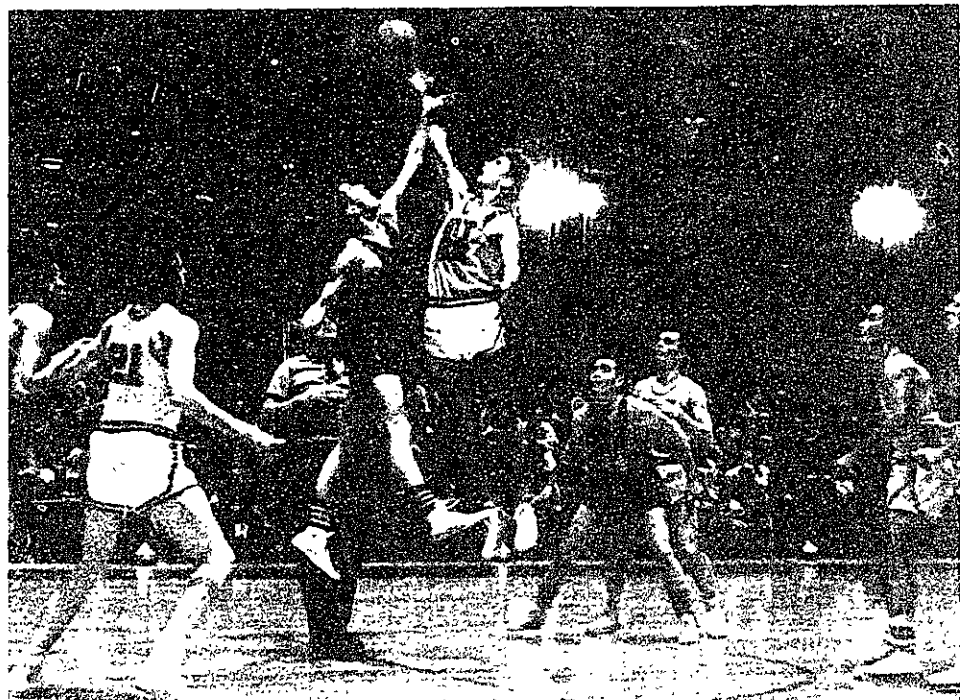
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Tech's T. James Hallee (22) controls a tipoff in the Trinity game Saturday night in Rockwell Cage.

## Tech Cagers Drop 66-65 Decision To Trinity; Freshmen Win Easily

A last minute MIT rally fell short Saturday night as Trinity College shaded the Beaver cagers 66-65 in Rockwell Cage. It was the first loss of the year for the Tech quintet which walloped Bowdoin 75-57 Wednesday.

The two teams battled evenly through the first half with Trinity leading 37-33 at intermission. As the second half started the Engineers knotted the count and the lead seesawed until the final minutes.

The game came to a thrilling end as Tech, down four points with a minute remaining in the contest, rallied with a field goal and free throw to within one point of the visitors. However, Trinity managed to control the ball until the gun went off.

Hugh Morrow '60 led the MIT scoring parade with 28 points for the second game in a row. Captain Robert Polutchko '59 totaled 21 points for the Beavers. Other Tech scorers were Dennis McGinty '59 with nine points, Phillip Robinson '61 with six and Leroy Cooper '60 with one point.

The Engineers will return to action tomorrow night as they play host to Clark. Saturday they will battle Harvard on the Crimson court.

MIT's frosh cagers recovered from their previous loss to Bowdoin as they whipped Trinity 73-62 before the varsity contest. The yearlings jumped to a lead which opened to 39-26 at the half, and from there coasted home with eleven points to spare.

Dave Kock tallied 21, 16 in the second half, for the winners. Steve Smith and Tom Burns each scored in double figures and played topnotch ball all the way.

## Engineer Shooters Snare 7th Straight League Rifle Meet

The Beaver riflemen captured their seventh straight win Saturday, defeating the University of New Hampshire and Bowdoin.

The MIT squad tallied 1414 out of a possible 1500 points. New Hampshire had 1392 and Bowdoin 1326 in the New England Collegiate Rifle League match.

Co-captain Bob Voight '59 led the Engineers with 288 out of 300 possible points. Dwight Moody '59 scored 285, Bill Leffler '61, 283, Louis Nelson '59, 281, and Don Vaughn '59, 277.

The top five scores of the 10-man teams are counted in intercollegiate rifle matches. MIT brought out just nine men for the meet. The other Beaver shooters were Gay Carley '61, Tom Thiele '60, co-captain Martin Zimmermann '59, and Dan Schwartz '60.

MIT will travel to Northeastern Saturday for a Greater Boston Collegiate Rifle League match. The Engineers lost to Northeastern last year.

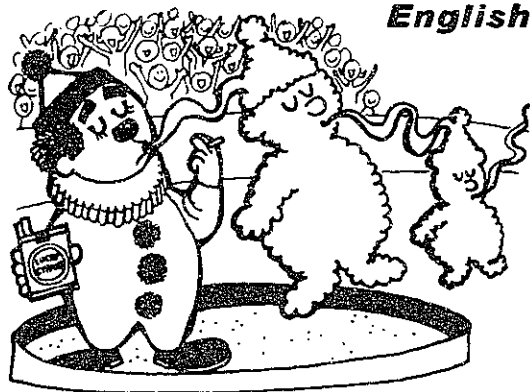
## Squashmen Downed In Season Opener

In its opening match against the Dartmouth Indians Saturday at Hanover, MIT's varsity squash found itself on the short end of a 9-0 score. However, two of the matches were extremely close and the overall team play was improved over that of last year. Ed Sherniby '61 and Raul Karmann '61 were the two Techmen who lost hair-raisers in the closing seconds.

The Beaver squashmen will face Army here Friday in its next meet.

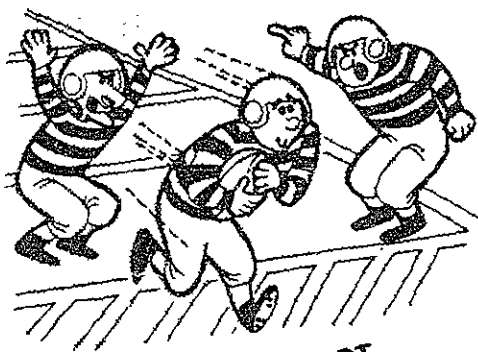
# THINKLISH

English: CLOWN WHO BLOWS FUNNY SMOKE RINGS



Thinklish translation: In three-ring circles, this fellow's known as "Mr. Funnyman" (largely because his name is Horace P. Funnyman). When he does his smoke-ring act, the tent's in stitches. Naturally, this world-famous puffoon chooses Lucky Strike. "I like the honest taste," he says. A canvass (or tent poll) of the Big Top shows that this is no freak sentiment.

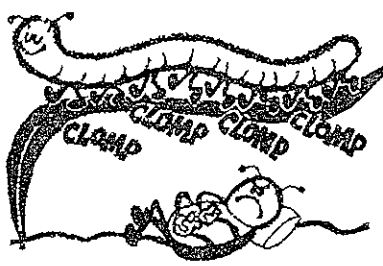
English: WITLESS FOOTBALL PLAYER



Thinklish: GRIDIOT

LEON ROTH, U.S.C.

English: NOISY INSECT



Thinklish: CLATTERPILLAR

WILLIAM ERNST, VALPARAISO

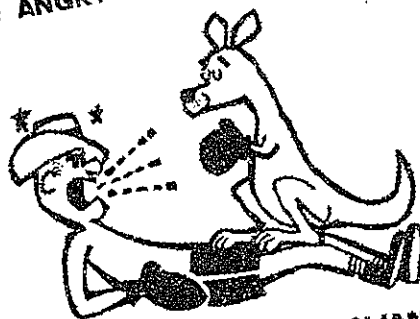
English: COLLEGE FOR SINGERS



Thinklish: CROONIVERSITY

ERNEST EBISCH, AMERICAN INTERNATIONAL

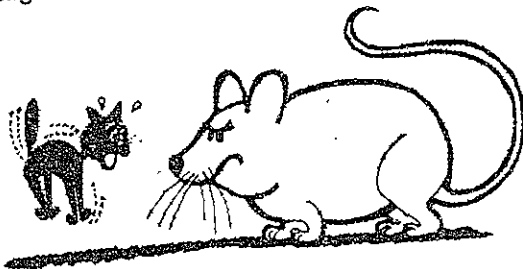
English: ANGRY MAN DOWN UNDER



Thinklish: CROSSTRALIAN

RAOUL WEINSTEIN, U. OF RICHMOND

English: GIANT RODENT



Thinklish: ENORMOUSE

JIM STROTHER, MICHIGAN STATE

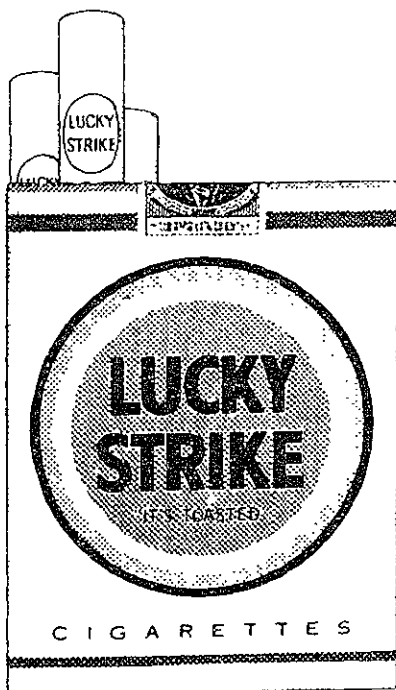
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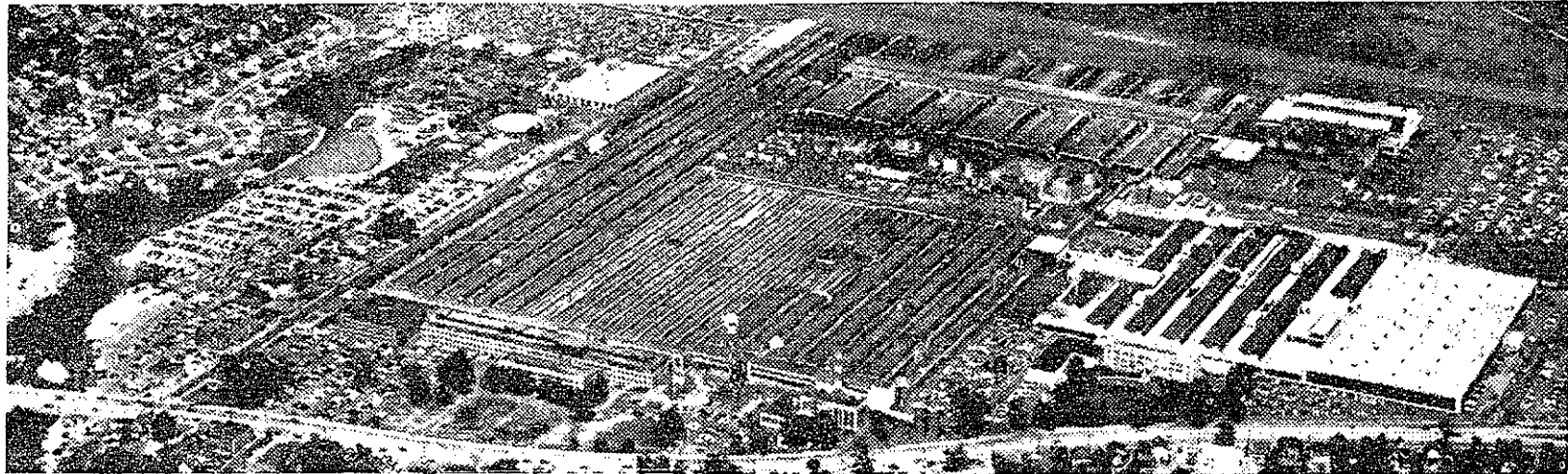
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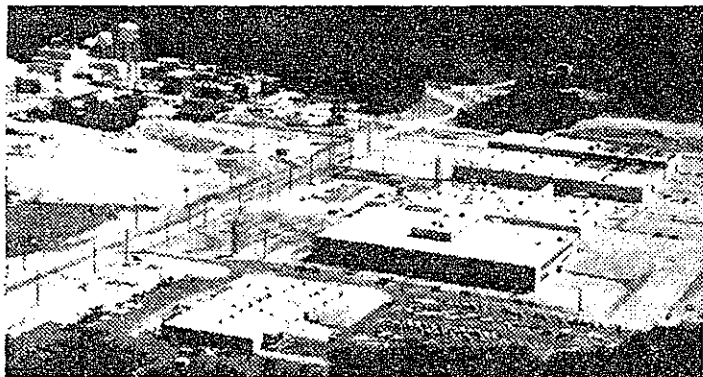
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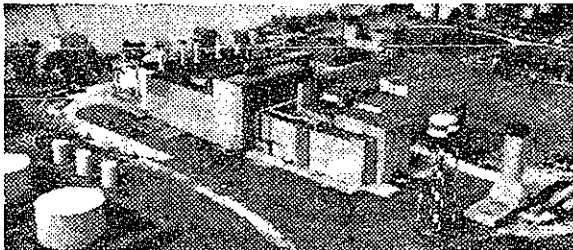
Operations at Pratt & Whitney Aircraft are essentially those of an engineering and development organization. As such, an engineering atmosphere dominates the work being done, much of which directly involves laboratory experimentation.

In the past three decades, expansion at Pratt & Whitney Aircraft has been almost tenfold. In recent years, greatest emphasis has been on extending engineering facilities to meet the needs of advanced research and development programs in flight propulsion.

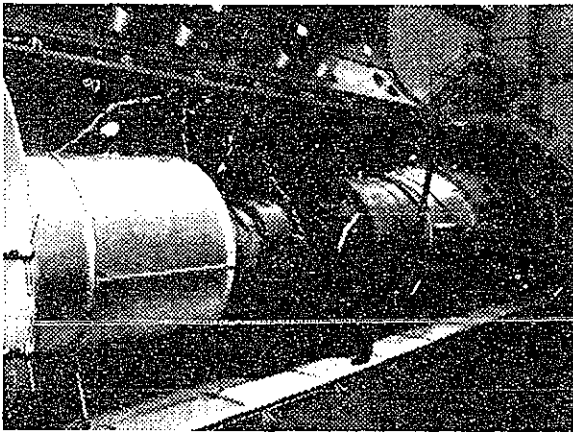
Among the Connecticut P & W A facilities are many that are unequaled in the industry. Thus today, Pratt & Whitney Aircraft is better prepared than ever to continue development of the world's best aircraft powerplants . . . to probe the propulsion future . . . to build and test greatly advanced propulsion systems for coming generations of flight vehicles — in whatever form they take.



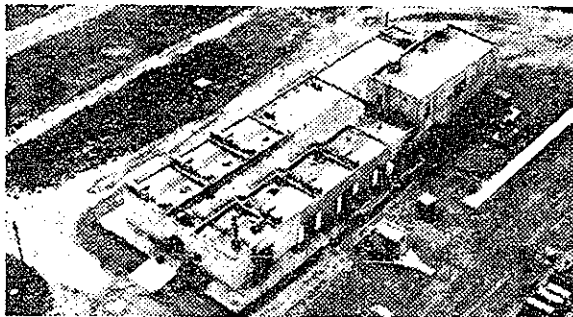
The Connecticut Aircraft Nuclear Engine Laboratory, operated by Pratt & Whitney Aircraft, is situated on a 1,200-acre tract near Middletown. The Laboratory was specially built for the development of nuclear flight propulsion systems.



The Willgoos Turbine Engine Test Facility is the world's most extensive privately owned turbine development laboratory. Designed and built specifically to test full-scale experimental engines and components in environments simulating conditions at extreme altitudes and speeds, it is currently undergoing expansions that will greatly increase its capacity for development testing of the most advanced forms of air breathing systems.



In chambers like this at the Willgoos Turbine Engine Test Facility full-scale engines may be tested in environments which simulate conditions from sea level to 100,000 feet. Mach 3 conditions can also be simulated here.



In the new Fuel Systems Laboratory engineers can minutely analyze the effects of extreme environmental conditions on components of fuel systems — conditions such as those encountered in advanced types of flight vehicles operating at high Mach numbers and high altitudes. Fuel for these tests can be supplied at any temperature from -65°F to +500°F.



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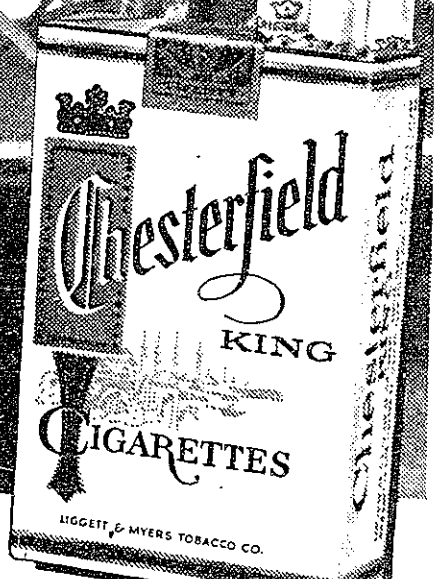
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## Swimmers Display Power, Win 53-33

The strongest Engineer swimming team in years was unveiled at Bowdoin Saturday as Tech trampled its host 53-33. This is the first time the Cardinal and Gray has succeeded in overcoming the very strong teams from Bowdoin.

The meet was highlighted by the very close race in the 100 yard Butterfly and Tech victories in the 220 and 440 yard Freestyle. The neck and neck butterfly contest finished with Tom Ising '61 just .3 second behind Bowdoin's Riley who completed the course in 1:03.6.

Bob Brocker '59 and Pete Bankson '61 surged from behind in the last 25 yards of the 220 freestyle to place first and second before Bowdoin's front running Wallace. Afterwards, the same two boys, Bronker and Bankson, performed the same feat in the 440 freestyle. This time Pete led the Engineer spurt, taking the race in 5:35.9; Bob was just behind, relegating Wallace to third.

The 400 yard Medley Relay team of Divine '59, West '60, Ising '61, and Kane '59, which was victorious, will go for the MIT record in the meet against Tufts tomorrow at 7:00 p.m. in the Alumni Pool.

**SUMMARY**

- 400 yard medley relay.  
Won by MIT (Divine, West, Ising, Kane)
- 220 yard freestyle.  
1, Brocker (MIT); 2, Bankson (MIT); 3, Wallace (Bow.). 2:30.9
- 50 yard freestyle.  
1, Roach (Bow.); 2, Windle (MIT); 3, Kossler (MIT). 24.1
- Diving (3 meter board)  
1, Cahlander (MIT); 2, West (MIT); 3, Frost (Bow.). Points: 46
- 100 yard butterfly  
1, Riley (Bow.); 2, Ising (MIT); 3, Silvestri (MIT). 1:30.6
- 100 yard freestyle  
1, Roach (Bow.); 2, Kane (MIT); 3, Windle (MIT). 55.2
- 200 yard backstroke  
1, Scarpino (Bow.); 2, Divine (MIT); 3, Steffany (MIT). 2:23.3
- 440 yard freestyle  
1, Bankson (MIT); 2, Brocker (MIT); 3, Steffany (MIT). 5:35.9
- 200 yard breaststroke  
1, West (MIT); 2, Mylander (Bow.); 3, Knoedler (MIT). 2:42.9
- 400 yard freestyle relay  
Won by Bowdoin. 4:05.2

In the All Institute Swimming Meet on Saturday, November 22, Betsy Schumacher '60 broke the standing New England Woman's 200 yard Individual Medley Record of 2:42.9 with a time of 2:34.2.



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## Varsity Matmen Trounce Tufts; Look Toward Outstanding Season

The varsity wrestling team opened the 1958-59 season with a resounding 22-8 victory over Tufts Saturday afternoon at Tufts.

### Beaver Swordsmen Take A 20-7 Win As The Season Opens

MIT's strong fencing squad opened its season at Walker Gymnasium Saturday with a 20-7 drubbing of Bradford - Durfee. Captain Barrie Shabel '59 was untouched in winning two foil bouts.

The Beaver swordsmen swept the foil event, 8-1, took the sabre competition, 7-2, and squeezed out a 5-4 win in the epee.

Starting for Tech in the foil were Captain Shabel, Sherman Karp '60, and Jerry Yarbrough '60. Yarbrough won three bouts, being touched only three times. Karp won both of his matches.

Substitute Art Mandelbaum '61 won his bout while Philmore McPherson '60 lost five touches to four.

Larry Campbell '59, Karl Koepke '60, and Francisco Cuervo '60 were the starting sabre men for the Cardinal and Gray. Campbell won three fights. Koepke captured his only fight, 5-4, with a brilliant comeback. Cuervo won his single bout untouched.

Substitutes Frank Brown '60 and Don Dilworth '61 each won one bout and lost one.

Joe Pedlosky '59, Chuck Haspel '60, and Bill Julian '61 led off for the MIT epee unit. Julian, the only starting sophomore, swept all three of his fights. Pedlosky won his only bout easily while Haspel won one and lost one.

Substitute Art Rogers lost both his fights while Ernie Gudath dropped another.

Only double winners for Bradford-Durfee were Forcier with two wins and one loss in sabre and Simon with two wins and one loss in epee.

day afternoon at Tufts. In the 130-pound division, Andrew Bulfer '61 gained five points for the Cardinal and Gray by pinning Myer of Tufts in 5 minutes and 33 seconds. Dave Latham '61 garnered top honors for Tech in the 137-pound class with a 3-0 win over Weinstein. James Gross '61 overpowered Carter, 6-3 in the 147-pound match. Engineer matmen also won the 157-, 167- and 177-pound matches with John Sullivan '61 gaining a close 4-3 decision over Williams, Reed Freedman '61 defeating Allukian, 10-7, and Bob McCullough '60 outgrappling Kirk 7-2.

Tech suffered its only losses in the 127-pound division with Stan Park '60 falling to Gillespie, 0-5; and in the unlimited class in which John Smith '61 was pinned by Fisher in 2 minutes and 48 seconds.

The wrestling team should enjoy a successful season this year and the fact that six of the eight top matmen are sophomores makes future prospects look good.

The frosh wrestling team also scored an impressive victory in their opener Saturday as they trounced the Tufts yearlings 22-7.

Both varsity and freshman wrestlers will resume action Friday evening at Rockwell Cage against their Wesleyan counterparts.

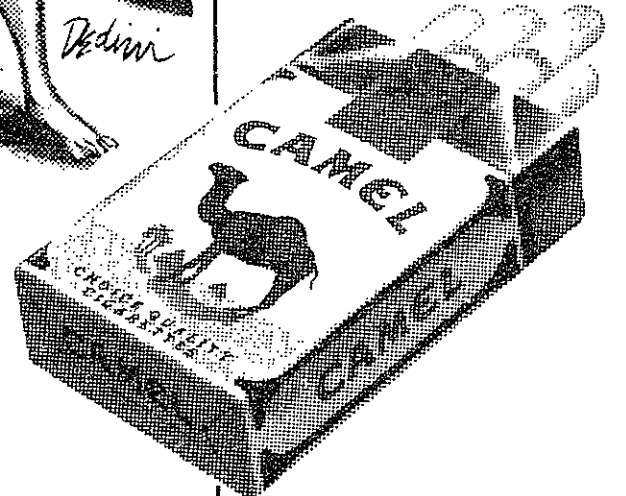


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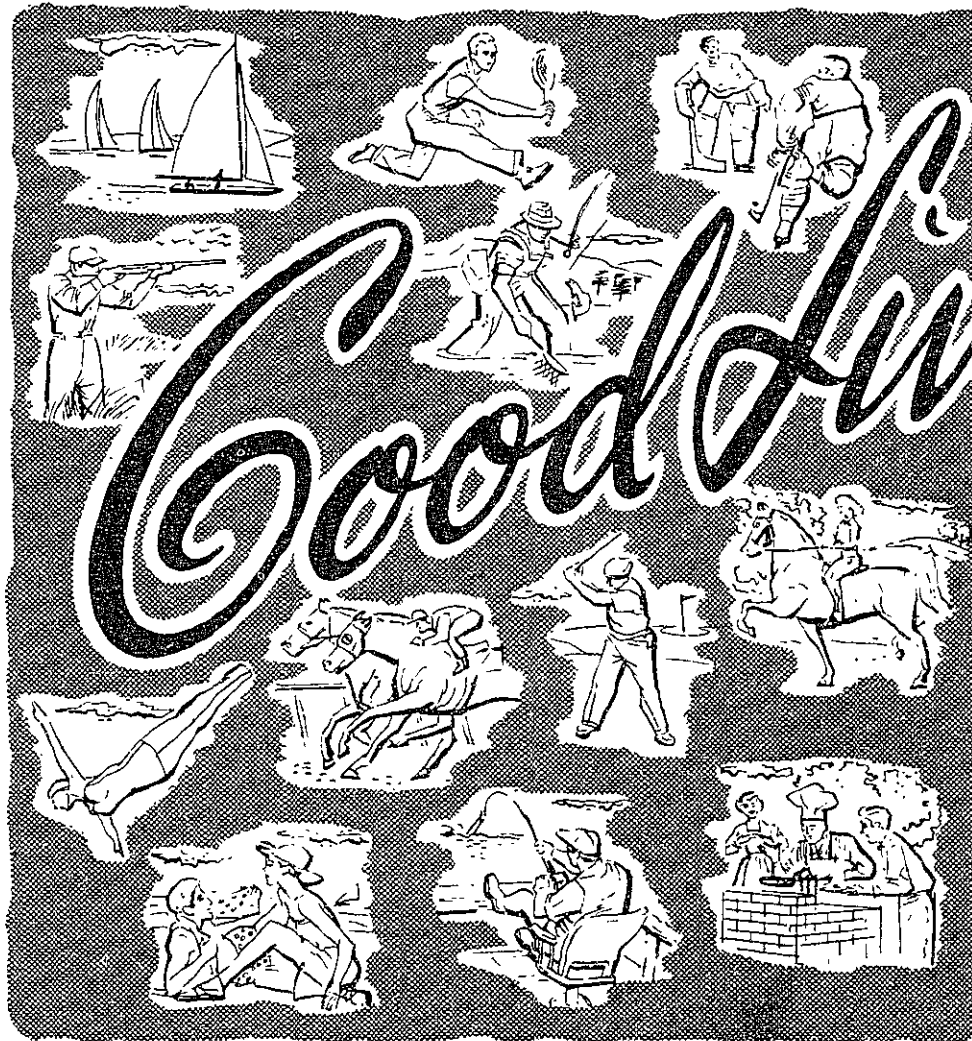
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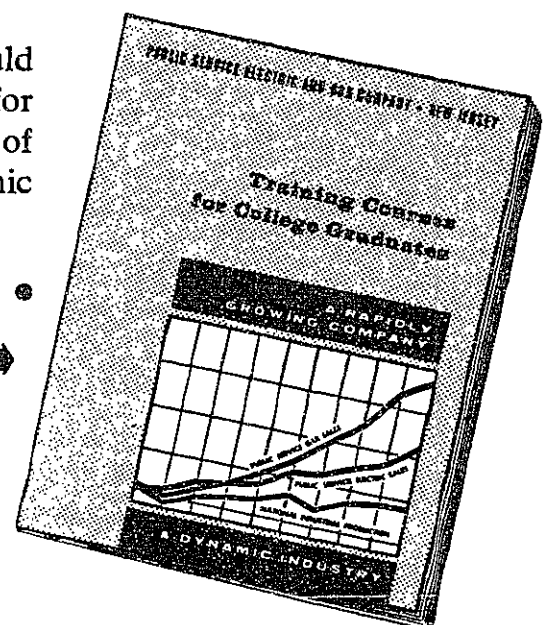
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